

In the Claims:

Please cancel claim 30, without prejudice, and amend claims 1 and 29 as follows:

1. (Currently Amended) A field-sequential type display device for performing a display by synchronizing successive switching of lights of a plurality of colors to be incident on an optical switching element from a light source with inputting of display data of each color corresponding to an image to be displayed into said optical switching element, comprising:

a light introducing unit for making light of a corresponding color from said light source incident on said optical switching element in synchronism with a start timing of display data writing scanning on said optical switching element for each color; and

an interrupting unit for interrupting the incidence of light of a corresponding color from said light source on said optical switching element in synchronism with an end timing of display data erasing scanning on said optical switching element for each color,

wherein a predetermined time is provided between an interruption timing of incidence of light of one color in one frame on said optical switching element and a start timing of incidence of light of the next color in the one frame on said optical switching element.

2. (Original) The display device of claim 1, wherein
the predetermined time is equal to a time from an end timing of display data
writing scanning on said optical switching element to a start timing of display data
erasing scanning on said optical switching element.

3. (Original) The display device of claim 1, wherein
the lights of a plurality of colors to be incident on said optical switching
element are red light, green light, and blue light.

4. (Original) The display device of claim 1, wherein
the lights of a plurality of colors to be incident on said optical switching
element are red light, green light, blue light, and white light.

5. (Original) The display device of claim 1, further comprising
a control unit for controlling, based on display data, ON/OFF of said light
source for emitting light of a color corresponding to the display data.

6. (Original) The display device of claim 1, wherein
an irradiation region of light to be incident on said optical switching
element is divided, and said display device comprises a control unit for controlling, based

on display data in each divided region, ON/OFF of said light source for emitting light of a color corresponding to the display data.

7. (Original) The display device of claim 1, further comprising a stopping unit for stopping scanning on said optical switching element when said light source for emitting light of a color corresponding to display data is turned off.

8. (Original) The display device of claim 1, wherein, said optical switching element is a liquid crystal panel.

9. (Original) The display device of claim 8, wherein, a liquid crystal material used in said liquid crystal panel is a ferroelectric liquid crystal material.

10. (Original) The display device of claim 8, wherein, an applied voltage to said liquid crystal panel during display data writing scanning and an applied voltage to said liquid crystal panel during display data erasing scanning are equal in magnitude and opposite in polarity.

11. (Original) A field-sequential type display device for performing a display by synchronizing successive switching of lights of a plurality of colors to be incident on an optical switching element from a light source with inputting of display data of each color corresponding to an image to be displayed into said optical switching element, wherein

an end timing of display data writing scanning on said optical switching element and a start timing of display data erasing scanning on said optical switching element for each color do not coincide, and a relation $T_B + T_C = T_A + T_D$ is satisfied, where T_A is a time necessary for the writing scanning, T_B is a time from the end timing of writing scanning to the start timing of erasing scanning, T_C is a time necessary for the erasing scanning, and T_D is a time from the end timing of erasing scanning to a start timing of display data writing scanning on said optical switching element for the next color.

12. (Original) The display device of claim 11, wherein
the lights of a plurality of colors to be incident on said optical switching element are red light, green light, and blue light.

13. (Original) The display device of claim 11, wherein
the lights of a plurality of colors to be incident on said optical switching element are red light, green light, blue light, and white light.

14. (Original) The display device of claim 11, further comprising a control unit for controlling, based on display data, ON/OFF of said light source for emitting light of a color corresponding to the display data.

15. (Original) The display device of claim 11, wherein an irradiation region of light to be incident on said optical switching element is divided, and said display device comprises a control unit for controlling, based on display data in each divided region, ON/OFF of said light source for emitting light of a color corresponding to the display data.

16. (Original) The display device of claim 11, further comprising a stopping unit for stopping scanning on said optical switching element when said light source for emitting light of a color corresponding to display data is turned off.

17. (Original) The display device of claim 11, wherein, said optical switching element is a liquid crystal panel.

18. (Original) The display device of claim 17, wherein,
a liquid crystal material used in said liquid crystal panel is a ferroelectric liquid crystal material.

19. (Original) The display device of claim 17, wherein,
an applied voltage to said liquid crystal panel during display data writing scanning and an applied voltage to said liquid crystal panel during display data erasing scanning are equal in magnitude and opposite in polarity.

20. (Original) A field-sequential type display device for performing a display by synchronizing successive switching of lights of a plurality of colors to be incident on an optical switching element from a light source with inputting of display data of each color corresponding to an image to be displayed into said optical switching element, comprising:

a light introducing unit for making light of a corresponding color from said light source incident on said optical switching element before a start timing of display data writing scanning on said optical switching element for each color; and

an interrupting unit for interrupting the incidence of light of a corresponding color from said light source on said optical switching element after an end timing of display data erasing scanning on said optical switching element for each color.

21. (Original) The display device of claim 20, wherein the lights of a plurality of colors to be incident on said optical switching element are red light, green light, and blue light.

22. (Original) The display device of claim 20, wherein the lights of a plurality of colors to be incident on said optical switching element are red light, green light, blue light, and white light.

23. (Original) The display device of claim 20, further comprising a control unit for controlling, based on display data, ON/OFF of said light source for emitting light of a color corresponding to the display data.

24. (Original) The display device of claim 20, wherein an irradiation region of light to be incident on said optical switching element is divided, and said display device comprises a control unit for controlling, based on display data in each divided region, ON/OFF of said light source for emitting light of a color corresponding to the display data.

25. (Original) The display device of claim 20, further comprising
a stopping unit for stopping scanning on said optical switching element
when said light source for emitting light of a color corresponding to display data is turned
off.

26. (Original) The display device of claim 20, wherein,
said optical switching element is a liquid crystal panel.

27. (Original) The display device of claim 26, wherein,
a liquid crystal material used in said liquid crystal panel is a ferroelectric
liquid crystal material.

28. (Original) The display device of claim 26, wherein,
an applied voltage to said liquid crystal panel during display data writing
scanning and an applied voltage to said liquid crystal panel during display data erasing
scanning are equal in magnitude and opposite in polarity.

29. (Currently Amended) A display method for performing a field-
sequential type display by synchronizing successive switching of lights of a plurality of
colors to be incident on an optical switching element from a light source with inputting of

display data of each color corresponding to an image to be displayed into said optical switching element, comprising:

making light of a corresponding color from said light source incident on said optical switching element in synchronism with a start timing of display data writing scanning on said optical switching element for each color; and

interrupting the incidence of light of a corresponding color from said light source on said optical switching element in synchronism with an end timing of display data erasing scanning on said optical switching element for each color,

wherein a predetermined time is provided between an interruption timing of incidence of light of one color in one frame on said optical switching element and a start timing of incidence of light of the next color in the one frame on said optical switching element.

30. (Cancelled)